

BULLETIN

OF THE NEW YORK
ACADEMY OF MEDICINE



Original Articles by

EDGAR M. BICK

BERNARD GARDNER and
IVAN D. BARONOFSKY

MAX TISHLER

BLOOD PROTEINS

Transcription of a Panel Meeting

HENRY G. KUNKEL

ELLIOTT F. OSSERMAN

I. HERBERT SCHEINBERG

MORRIS ZIFF

A. G. BEARN

NEW YORK PATHOLOGICAL SOCIETY

BULLETIN OF THE NEW YORK
ACADEMY OF MEDICINE

CONTENTS

Clinical Aspects of Aging Connective Tissue . . .	547
<i>Edgar M. Bick</i>	
Massive Bleeding in Duodenal Ulcer	554
<i>Bernard Gardner and Ivan D. Baronofsky</i>	
Blood Proteins	571
Transcription of a Panel Meeting	
<i>Henry G. Kunkel, Elliott F. Osserman,</i>	
<i>I. Herbert Scheinberg, Morris Ziff</i>	
<i>and A. G. Bearn</i>	
Role of the Drug House in Biological and Medical Research	590
<i>Max Tishler</i>	
New York Pathological Society: Abstract	601
Officers, Standing and Special Committees of the Academy, 1959	605
Officers of the Sections and of the Affiliated Societies	610

AUTHORS ALONE ARE RESPONSIBLE FOR OPINIONS EXPRESSED IN THEIR CONTRIBUTIONS

ROBERT L. CRAIG, *Editor*

Published Monthly by THE NEW YORK ACADEMY OF MEDICINE
2 East 103 Street, New York 29, N. Y.

Annual subscription United States and Canada \$8.00. All other countries \$9.00. Single copies 90c.

ADVERTISING OFFICE • 30 ROCKEFELLER PLAZA, N. Y. C. 20 • Circle 7-7706

Copyright, 1959 by The New York Academy of Medicine

OFFICERS AND STAFF OF THE ACADEMY

1959

President

ROBERT L. LEVY

Vice-Presidents

DAVID P. BARR

ALBERT H. ALDRIDGE

G. JARVIS COFFIN

Treasurer

SHEPARD KRECH

Recording Secretary

FREDERICK H. WILKE

Trustees

STUART L. CRAIG
FRANK GLENN
HAROLD BROWN KEYES
*SHEPARD KRECH

SAMUEL W. LAMBERT, JR.
*ROBERT L. LEVY
ASA L. LINCOLN
WILLIAM F. MACFEE
WILLIAM BARCLAY PARSONS

BENJAMIN P. WATSON
JEROME P. WEBSTER
ORRIN S. WIGHTMAN
*FREDERICK H. WILKE

Council

The President

The Vice-Presidents

The Trustees

The Treasurer

The Recording Secretary

The Chairmen of Standing Committees

Director

HOWARD REID CRAIG

Librarian

GERTRUDE L. ANNAN

Executive Secretary

Committee on Public Health

HARRY D. KRUSE

Executive Secretary
Committee on Medical Education

ROBERT L. CRAIG

Executive Secretary
Committee on Medical Information

IAGO GALDSTON

Comptroller

**ARTHUR A. EBERLE

Executive Secretary,
Committee on Public Relations and
Fund Raising

Business Manager

***ROBERT M. BRERETON

†THOMAS L. STAPLETON

Legal Counsel

DAVIS POLK WARDWELL SUNDERLAND & KIENDL

Library Consultants

JANET DOE, B. W. WEINBERGER, CURT PROSKAUER

* Ex-Officio

** Retiring, September 1, 1959

*** Beginning, September 1, 1959

† Beginning, August 1, 1959

STANDING COMMITTEES OF THE ACADEMY—1959

The President of the Academy is an Ex-officio member
of all Committees except the Nominating Committee

COMMITTEE ON ADMISSION

PERRY S. BOYNTON, JR., *Chairman*

CLIFFORD L. SPINGARN, *Secretary*

ROBERT S. BEEKMAN	JAMES T. DANIELS	ANTHONY J. PISANI
ANTHONY C. CIPOLLARO	REJANE M. HARVEY	ELI H. RUBIN
JOHN F. DALY	ALFRED G. LANGMANN	CHARLES F. STEWART
	CARL T. NELSON	

COMMITTEE ON LIBRARY

WILLIAM CRAWFORD WHITE, *Chairman*

J. BURNS AMBERSON	LOUIS M. HELLMAN	ROBERT B. MCGRAW
EDGAR M. BICK	SAUL JARCHO	BRONSON S. RAY
V. KNEELAND FRANTZ	LEILA C. KNOX	RICHARD B. STARK
MAGNUS I. GREGERSON	SAMUEL W. LAMBERT, JR.	HAROLD J. STEWART
CLAUDE E. HEATON	JAMES P. MARR	HILTON H. STOTHERS
EDWARD J. HEHRE		MCIVER WOODY
	GERTRUDE L. ANNAN, <i>Librarian</i>	

COMMITTEE ON PUBLIC HEALTH

MILTON J. GOODFRIEND, *Chairman*

MAXIMIN DEM. TOUART, *Vice-Chairman*

J. BURNS AMBERSON	ALFRED E. FISCHER	HARRY MOST
GEORGE E. ANDERSON	ARTHUR A. FISCHL	THOMAS PARRAN
HENRY ARANOW, JR.	L. WHITTINGTON GORHAM	HOWARD A. PATTERSON
*GEORGE BAEHR	ARTHUR VOSE GREELEY	BERNARD J. PISANI
FREDERICK R. BAILEY	ALAN F. GUTTMACHER	DICKINSON W. RICHARDS
ALVIN L. BARACH	GEORGE K. HIRST	CONRAD M. RILEY
CONRAD BERENS	OSWALD R. JONES	WILLIAM B. SEAMAN
ABRAM BLAU	EDWIN D. KILBOURNE	BEVERLY CHEW SMITH
LINN J. BOYD	MILTON D. KLEIN	J. MURRAY STEELE
McKEEN CATTELL	*SHEPARD KRECH	PHILIP M. STIMSON
*RUSSELL L. CECIL	MARCUS D. KOGL	MARION B. SULZBERGER
JOHN M. COTTON	ROBERT W. LAIDLAW	HARVEY T. TOMKINS
C. G. DEGUTIERREZ-MAHONEY	ASA L. LINCOLN	*I. OGDEN WOODRUFF
JOSE M. FERRER, JR.	*HARVEY B. MATTHEWS	PETER VOGEL

By Invitation:

LEONA BAUMGARTNER, *Commissioner, Dept. of Health, City of New York*

HARRY D. KRUSE, *Executive Secretary*

* Emeritus Member

Standing Committees of the Academy — 1959 (*Continued*)

COMMITTEE ON MEDICAL EDUCATION

JOHN L. MADDEN, *Chairman*

CLARENCE E. DE LA CHAPELLE, *Vice-Chairman*

ARTHUR F. ANDERSON	WILLIAM N. HUBBARD	GEORGE G. READER
ALFRED ANGRIST	SCHUYLER G. KOHL	PAUL REZNIKOFF
GEORGE L. BOWEN	E. HUGH LUCKEY	ALBERT C. SANTY
PETER G. DENKER	LEO MAYER	ISIDORE SNAPPER
A. GERARD DEVOE	MARSH MCCALL	LOUIS J. SOFFER
J. FREDERICK EAGLE	JAMES E. MCCORMACK	RAYMOND P. SULLIVAN
LUDWIG W. EICHNA	RUSTIN MCINTOSH	THEODORE B. VAN ITALLIE
JOHN H. GARLOCK	JOHN M. MCLEAN	PHILIP D. WIEDEL
JOHN E. HAMMETT	PETER MARSHALL MURRAY	MYRON WRIGHT
FRANKLIN M. HANGER	CARL MUSCHENHEIM	ROBERT H. WYLIE
NORMAN L. HIGINBOTHAM	JOHN L. POOL	HARRY M. ZIMMERMAN
ROBERT S. HOTCHKISS	MILTON J. RAISBECK	HAROLD A. ZINTEL
	HENRY T. RANDALL	

ROBERT L. CRAIG, *Executive Secretary*

COMMITTEE ON MEDICAL INFORMATION

ARTHUR M. MASTER, *Chairman*

NATHAN W. ACKERMAN	FRANCIS G. GEER	JOHN M. MCKINNEY
JOSEPH ALEXANDER	C. LOUIS GILBERT	THOMAS C. PEIGHTAL
HARRY S. ALTMAN	IRVING GRAEF	CHARLES A. PERERA
EDGAR M. BICK	HAROLD D. HARVEY	RICHARD N. PIERSON
PHILIP G. C. BISHOP	HAROLD JACOBZINER	HERBERT POLLACK
GREYDON G. BOYD	NORMAN JOLLIFFE	WILLARD C. RAPPLEYE
NORTON S. BROWN	M. RALPH KAUFMAN	NELSON B. SACKETT
DUNCAN W. CLARK	HAROLD B. KEYES	WILLIAM P. SHEPARD
RALPH COLP	CHARLES G. KING	CARL H. SMITH
DONALD A. COVALT	PAUL KLEMPERER	WILLIAM C. SPRING, JR.
PAUL FEJOS	HAYES E. MARTIN	EDWARD TOLSTOI
ARTHUR M. FISHBERG	VICTOR C. MCCUAIG	ORRIN S. WIGHTMAN
CHARLES A. FLOOD	FRANK J. MCGOWAN	HERBERT B. WILCOX, JR.

IAGO GALDSTON, *Executive Secretary*

COMMITTEE ON SECTIONS

G. JARVIS COFFIN, *Chairman*

The Chairman and Secretaries of the 12 Sections of the Academy

ROBERT L. CRAIG, *Secretary*

Other Committees Appointed Annually by the President — 1959

NOMINATING COMMITTEE

MAURICE J. COSTELLO, *Chairman*

HORACE S. BALDWIN

LAWRENCE W. SLOAN

EDITORIAL BOARD — ACADEMY BULLETIN

JEROME P. WEBSTER, *Chairman*

GERTRUDE L. ANNAN

CHARLES E. KOSSMANN

MARGARET BEVANS

KARL VOGEL

ROBERT L. CRAIG, *Secretary and Editor*

COMMITTEE ON ACADEMY SURVEY

WILLIAM BARCLAY PARSONS, *Chairman*

DUNCAN W. CLARK

HENRY N. PRATT

*CONDICT W. CUTLER, JR.

DICKINSON W. RICHARDS

JOHN H. GARLOCK

GEORGE ROSEN

MARCUS D. KOGL

LOUIS J. SOFFER

* Deceased, July 1958

COMMITTEE ON ART

ALBERT C. SANTY, *Chairman*

JOHN J. CONLEY

MEYER M. MELICOW

COMMITTEE ON REVISION OF BY-LAWS

ALEXANDER T. MARTIN, *Chairman*

J. BURNS AMBERSON

JOHN M. MCLEAN

JOINT CONFERENCE COMMITTEE WITH
MEDICAL SOCIETY OF THE COUNTY OF NEW YORK

From the Academy of Medicine

From the County Society

ROBERT L. LEVY

NORTON S. BROWN

ORRIN SAGE WIGHTMAN

SAMUEL FRANT

ALBERT H. ALDRIDGE

WILLIAM L. WHEELER

HOWARD REID CRAIG

BERNARD J. PISANI

COMMITTEE ON HONORARY FELLOWSHIP, MEDAL AND PLAQUE

CHARLES E. KOSSMANN, *Chairman*

JOHN G. KIDD

BELA SCHICK

GEORGE A. PERERA

HAROLD A. ZINTEL

GIBBS PRIZE COMMITTEE

ROBERT F. LOEB, *Chairman*

ARTHUR M. FISHBERG

ROBERT S. HOTCHKISS

WILLIAM GOLDRING

JOHN K. LATTIMER

VICTOR F. MARSHALL

Other Committees Appointed Annually by the President — 1959

(Continued from Preceding Page)

LIBRARY PUBLICATIONS COMMITTEE

WILLIAM CRAWFORD WHITE, *Chairman*

GERTRUDE L. ANNAN

JEAN E. FOULKE

HOWARD REID CRAIG

ROBERT L. LEVY

BENJAMIN P. WATSON

COMMITTEE ON PROFESSIONAL STANDARDS

J. WILLIAM HINTON, *Chairman*

FREDERICK H. AMENDOLA

SAMUEL W. LAMBERT, JR.

FRED SQUIER DUNN

LOUIS LEITER

JOHN H. DUNNINGTON

PRESTON A. WADE

WILLIAM CRAWFORD WHITE

SALMON MEMORIAL COMMITTEE

FRANCIS J. BRACELAND, *Chairman*

KENNETH E. APPEL

ROBERT L. LEVY

HOWARD REID CRAIG

NOLAN D. C. LEWIS

OSKAR DIETHELM

ROBERT B. MCGRAW

DAVID M. LEVY

H. HOUSTON MERRITT

S. BERNARD WORTIS

BERNARD S. OPPENHEIMER FUND COMMITTEE

SOLOMON SILVER, *Chairman*

HOWARD REID CRAIG

CLARENCE E. DE LA CHAPELLE

ROBERT L. CRAIG

ARTHUR PURDY STOUT

LOUIS LIVINGSTON SEAMAN FUND COMMITTEE

WILLIAM C. SPRING, *Chairman*

MORRIS GREENBERG

HENRY B. MAKOVER

FRANKLIN M. HANGER

WALSH McDERMOTT

HARRY MOST

BUILDING COMMITTEE

ALBERT H. ALDRIDGE, *Chairman*

ASA L. LINCOLN

A. PARKS MCCOMBS

WILLIAM F. MACFEE

ALBERT C. SANTY

MARSH MCCALL

JEROME P. WEBSTER

COMMITTEE ON DENTISTRY (Interprofessional Relations)

For Academy of Medicine

BEVERLY CHEW SMITH, *Chairman*

THEODOR BLUM

RUSSEL H. PATTERSON

FRANK H. PETERS

For Academy of Dentistry

RALPH J. BOWMAN, *Chairman*

MALCOLM W. CARR

FRANK NICOLAI

GERARD L. COURTADE

EDWIN H. GETZ

OFFICERS OF SECTIONS

1958-1959

1959-1960

SECTION ON DERMATOLOGY AND SYPHILOLOGY

LESLIE P. BARKER, *Chairman*
NATHAN SOBEL, *Secretary*

NATHAN SOBEL, *Chairman*
BEATRICE M. KESTEN, *Secretary*

SECTION ON GENITO-URINARY SURGERY

VICTOR F. MARSHALL, *Chairman*
WILLET F. WHITMORE, JR., *Secretary*

WILLET F. WHITMORE, JR., *Chairman*
GEORGE R. NAGAMATSU, *Secretary*

SECTION ON HISTORICAL AND CULTURAL MEDICINE

DELAVAN VAN HORN HOLMAN, *Chairman*
H. MCLEOD RIGGINS, *Secretary*

H. MCLEOD RIGGINS, *Chairman*
LAURENCE FARMER, *Secretary*

SECTION ON MEDICINE

CHARLES G. WILLIAMSON, *Chairman*
HERBERT CHASIS, *Secretary*

HERBERT CHASIS, *Chairman*
CARL MUSCHENHEIM, *Secretary*

SECTION ON MICROBIOLOGY

HARRY M. ROSE, *Chairman*
EDWARD J. HEHRE, *Secretary*

EDWARD J. HEHRE, *Chairman*
MERRILL W. CHASE, *Secretary*

SECTION ON NEUROLOGY AND PSYCHIATRY

CLARENCE C. HARE, *Chairman*
M. RALPH KAUFMAN, *Secretary*

M. RALPH KAUFMAN, *Chairman*
LAWRENCE C. KOLB, *Secretary*

SECTION ON OBSTETRICS AND GYNECOLOGY

MICHAEL J. JORDAN, *Chairman*
RICHARD S. MEREDITH, *Secretary*

RICHARD S. MEREDITH, *Chairman*
GORDON W. DOUGLAS, *Secretary*

SECTION ON OPHTHALMOLOGY

CHARLES A. PERERA, *Chairman*
FRANK H. CONSTANTINE, *Secretary*

HAROLD W. BROWN, *Chairman*
GEORGE N. WISE, *Secretary*

SECTION ON ORTHOPEDIC SURGERY

MELVIN B. WATKINS, *Chairman*
LEROY S. LAVINE, *Secretary*

LEROY S. LAVINE, *Chairman*
J. WILLIAM FIELDING, *Secretary*

SECTION ON OTOLARYNGOLOGY

JOSEPH L. GOLDMAN, *Chairman*
EDMUND P. FOWLER, JR., *Secretary*

EDMUND P. FOWLER, JR., *Chairman*
DARRELL G. VOORHEES, *Secretary*

SECTION ON PEDIATRICS

HORACE L. HODES, *Chairman*
SAMUEL KARELITZ, *Secretary*

SAMUEL KARELITZ, *Chairman*
SAUL KRUGMAN, *Secretary*

SECTION ON SURGERY

JOHN P. WEST, *Chairman*
JAMES M. WINFIELD, *Secretary*

JAMES M. WINFIELD, *Chairman*
ELLIOTT S. HURWITT, *Secretary*

OFFICERS OF AFFILIATED SOCIETIES

1958-1959

1959-1960

HARVEY SOCIETY

ROLLIN D. HOTCHKISS, *President*
H. SHERWOOD LAWRENCE, *Secretary*

ANDRE F. Cournand, *President*
H. SHERWOOD LAWRENCE, *Secretary*

NEW YORK PATHOLOGICAL SOCIETY

JOHN G. KIDD, *President*
JOHN T. ELLIS, *Secretary*

HARRY M. ZIMMERMAN, *President*
HANS POPPER, *Secretary*

NEW YORK ROENTGEN SOCIETY

JOHN A. EVANS, *President*
FRANK J. BORELLI, *Secretary*

HAROLD G. JACOBSON, *President*
WILLIAM B. SEAMAN, *Secretary*

SOCIETY FOR EXPERIMENTAL BIOLOGY AND MEDICINE

HARRY M. ROSE, *Chairman*
JOSEPH REILLY, Ph.D., *Secretary*

HARRY M. ROSE, *Chairman*
JOSEPH REILLY, Ph.D., *Secretary*

THE NEW YORK ACADEMY OF MEDICINE

THIRD ANNUAL POSTGRADUATE WEEK

OCTOBER 5 to 9, 1959

RESEARCH CONTRIBUTIONS TO CLINICAL PRACTICE

* * * * *

REGISTRATION

Registration, WITHOUT FEE, will be required
for non-Fellows of the Academy

* * * * *

All physicians, including interns and residents, and those working
in the allied sciences, are cordially invited to attend all sessions

All inquiries should be addressed to:

**Secretary, Postgraduate Week
THE NEW YORK ACADEMY OF MEDICINE
2 East 103 Street, New York 29, N. Y.**

SEE FOLLOWING PAGES FOR PROGRAM

THE NEW YORK ACADEMY OF MEDICINE

THIRD ANNUAL POSTGRADUATE WEEK

OCTOBER 5 to 9, 1959

RESEARCH CONTRIBUTIONS TO CLINICAL PRACTICE

PANEL MEETING — 4 P.M.

**Monday
October 5**

PHYSIOLOGY AND THERAPY OF THE GASTRECTOMIZED PATIENT

Chairman: THOMAS P. ALMY, Cornell University Medical College

LECTURES — 8:30 P.M.

CONTRIBUTIONS OF MOLECULAR BIOLOGY TO MEDICINE

FRANCIS O. SCHMITT, Massachusetts Institute of Technology

THE ESSENTIAL NATURE OF GLYCINE IN THE DYNAMICS OF THE CELL

DAVID RITTENBERG, Ph.D., College of Physicians and Surgeons, Columbia University

PANEL MEETING — 4 P.M.

**Tuesday
October 6**

LONG-TERM RESULTS OF SURGERY FOR ACQUIRED CARDIOVASCULAR DISEASE

Chairman: CHARLES E. KOSSMANN, New York University College of Medicine

LECTURES — 8:30 P.M.

FACTORS INVOLVED IN CAUSING CONGENITAL MALFORMATIONS

JAMES G. WILSON, University of Florida College of Medicine

ADRENOGENITAL SYNDROME: ITS CAUSES, MANIFESTATIONS AND TREATMENT

LAWSON WILKINS, The Johns Hopkins University School of Medicine

CONTRIBUTIONS OF PNEUMOCOCCAL GENETICS TO FUNDAMENTAL PROBLEMS IN BIOLOGY

ROBERT AUSTRIAN, State University of New York, Downstate Medical Center

PANEL MEETING — 4 P.M.

**Wednesday
October 7**

IATROGENICALLY INDUCED LIVER DISEASE

Chairman: GERALD KLATSKIN, Yale University School of Medicine

LECTURES — 8:30 P.M.

CELLULAR EFFECTS OF IONIZING RADIATION

HENRY S. KAPLAN, Stanford University School of Medicine

(continued on following page)

LECTURES — 8:30 P.M. (continued)

Wednesday
October 7
(continued)

NEWER METABOLIC ASPECTS OF TRAUMA

JOHN M. KINNEY, *Harvard Medical School*

THE RELATION OF ENDOTOXIN TO FEVER AND SHOCK

CHANDLER A. STETSON, JR., *New York University College of Medicine*

PANEL MEETING — 4 P.M.

Thursday
October 8

FERTILITY AND INFERTILITY

Chairman: JOHN ROCK, *Harvard Medical School*

LECTURES — 8:30 P.M.

GLYCOLYTIC PATHWAYS AND THEIR RELATIONSHIP TO LIPID METABOLISM

MARVIN D. SIPERSTEIN, *The University of Texas, Southwestern Medical School*

THE METABOLISM OF THE SERUM LIPOPROTEINS AND ITS RELATIONSHIP TO ATHEROSCLEROSIS

HOWARD A. EDER, *Albert Einstein College of Medicine*

THE PRESENT STATUS OF THE DIETARY FAT-SERUM LIPID PROBLEM

EDWARD H. AHRENS, Jr., *The Rockefeller Institute*

PANEL MEETING — 4 P.M.

Friday
October 9

PROBLEMS IN HYPERSENSITIVITY

Chairman: H. SHERWOOD LAWRENCE, *New York University College of Medicine*

LECTURES — 8:30 P.M.

COPPER METABOLISM AND CERULOPLASMIN

I. HERBERT SCHEINBERG, *Albert Einstein College of Medicine*

IRON METABOLISM AND THE PATHOGENESIS OF IRON DEFICIENCY ANEMIA

CARL V. MOORE, *Washington University School of Medicine*

THE METABOLISM AND THE INTESTINAL TRANSPORT OF CALCIUM

DAVID SCHACHTER, *College of Physicians and Surgeons, Columbia University*

SCIENTIFIC EXHIBIT

The Scientific Exhibit will open officially at 11 a.m. WEDNESDAY, SEPTEMBER 30, 1959 and be open daily 10 a.m. to 10 p.m. through October 9, except Saturday and Sunday, October 3 and 4.

MONTHLY PANEL MEETINGS FOR THE GENERAL PHYSICIAN

Eighth Series — 1959-1960

*(Please note: For this academic year there will be a change in the time and the day of these meetings. Panels will be held **evenings** on the **THIRD THURSDAY** of the month, at **9:00 p.m.**, in Room 20 at the Academy.)*

-
- | | |
|---------------------------------|----------------------------------------------------------------------------------------------------------------|
| THURSDAY
November 19
1959 | THE USE OF ORAL HYPOGLYCEMIC AGENTS
<i>Moderator:</i> EDWARD TOLSTOI |
| THURSDAY
December 17
1959 | CURRENT CONCEPTS IN THE TREATMENT OF COMMON
CONGENITAL HEART DEFECTS
<i>Moderator:</i> JERE W. LORD, JR. |
| THURSDAY
January 21
1960 | THE FUNCTIONS OF THE HOSPITAL EMERGENCY ROOM
<i>Moderator:</i> PRESTON A. WADE |
| THURSDAY
February 18
1960 | MANAGEMENT OF ALLERGIC STATES
<i>Moderator:</i> HORACE S. BALDWIN |
| THURSDAY
March 17
1960 | TREATMENT OF COMMON POISONS
<i>Moderator:</i> HAROLD JACOBZINER |
| THURSDAY
April 21
1960 | PATHOGENESIS AND MANAGEMENT OF ASCITES
<i>Moderator:</i> FRANKLIN M. HANGER |
-

THE NEW YORK ACADEMY OF MEDICINE

2 East 103 Street • New York 29, N. Y.

A symposium sponsored by
COUNCIL ON FOODS AND NUTRITION, AMERICAN MEDICAL ASSOCIATION

COUNCIL ON FOODS AND NUTRITION, AMERICAN MEDICAL ASSOCIATION

THE NEW YORK HOSPITAL-CORNELL MEDICAL CENTER
GRADUATE SCHOOL OF NUTRITION, CORNELL UNIVERSITY
THE NEW YORK ACADEMY OF MEDICINE
MEDICAL SOCIETY OF THE COUNTY OF NEW YORK

to be held at

THE PROTEIN NUTRITION OF INFANTS

EVENING SESSION — 8:00-10:00 p.m.

CLINICAL MANIFESTATIONS OF GENETIC ABERRATIONS OF CALCIUM AND PHOSPHORUS METABOLISM—Dr. Donald Fraser, *Associate Professor of Pediatrics, University of Toronto Faculty of Medicine, Canada*

PERIODICAL MICROFILM SERVICE

THE New York Academy of Medicine has entered into an agreement with University Microfilms, Ann Arbor, Michigan, to make available to libraries issues of *The Bulletin* in microfilm form.

One of the most pressing problems facing all types of libraries today is that of providing adequate space for a constant flood of publications. Periodicals pose an especially difficult problem because of their bulk and number.

Microfilm makes it possible to produce and distribute copies of periodical literature on the basis of the entire volume in a single roll, in editions of 30 or more, at a cost approximately equal to the cost of binding the same material in a conventional library binding.

Under the plan, the library keeps the printed issues unbound and circulates them in that form for from two to three years, which corresponds to the period of greatest use. When the paper copies begin to wear out or are not called for frequently, they are disposed of and the microfilm is substituted.

Sales are restricted to those subscribing to the paper edition, and the film copy is distributed only at the end of the volume year.

The microfilm is in the form of positive microfilm, and is furnished on metal reels, suitably labeled. Inquiries concerning purchase should be directed to University Microfilms, 313 N. First Street, Ann Arbor, Michigan.

DATA ON INTERNATIONAL CONGRESSES REQUESTED BY LIBRARY

Fellows are reminded that the Library is eager to acquire the publications of all international congresses, their programs, bulletins, proceedings, reports. Since these are often hard to find, it would help a great deal if Fellows attending such congresses would turn over to the Library any such papers as they themselves do not wish to keep. Such thoughtfulness would be deeply appreciated.